

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

(X) Original () Supplemental () Substitute () PCT () DESIGN

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: METHOD AND APPARATUS FOR ADJUSTING IMPEDANCE OF MATCHING CIRCUIT

of which is described and claimed in:

() the attached specification, or

(X) the specification in application Serial No. _____, filed April 6, 2001, and with amendments through _____, or

() the specification in International Application No. _____, filed _____, and as amended on _____ (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| COUNTRY | APPLICATION NO. | DATE OF FILING | PRIORITY CLAIMED |
|---------|-----------------|----------------|------------------|
| Japan | 2000-106563 | April 7, 2000 | YES |
| | | | |
| | | | |

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| APPLICATION SERIAL NO. | U.S. FILING DATE | STATUS: PATENTED, PENDING, ABANDONED |
|------------------------|------------------|--------------------------------------|
| | | |
| | | |

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; and Michael S. Huppert, Reg. No. 40,268, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from AOYAMA & PARTNERS as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Direct Correspondence to Customer No:



000513

PATENT TRADEMARK OFFICE

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| | | | |
|-------------------------------------|--|-------------------------------------|---|
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| Full Name of Fifth Inventor | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME |
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| Full Name of Sixth Inventor | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME |

| | | | |
|------------------------------------|----------------|-------------------------|----------------------------------|
| Residence & Citizenship | CITY | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP |
| Post Office Address | ADDRESS | CITY | STATE OR COUNTRY ZIP CODE |

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor _____ Date _____
Kazuhiro IKURUMI
2nd Inventor _____ Date _____
Shoichi KAJIWARA
3rd Inventor _____ Date _____
Osamu KUMAZAWA
4th Inventor _____ Date _____
5th Inventor _____ Date _____
6th Inventor _____ Date _____

The above application may be more particularly identified as follows:

U.S. Application Serial No. NEW Filing Date April 6, 2001

Applicant Reference Number 533281 Atty Docket No. 2001-0409A

Title of Invention METHOD AND APPARATUS FOR ADJUSTING IMPEDANCE OF MATCHING CIRCUIT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Kazuhiro IKURUMI et al. : **ATTN: APPLICATION BRANCH**
Serial No. NEW : Docket No. 2001-0409A
Filed April 6, 2001 :
METHOD AND APPARATUS FOR : **THE COMMISSIONER IS AUTHORIZED**
ADJUSTING IMPEDANCE OF : **TO CHARGE ANY DEFICIENCY IN THE**
MATCHING CIRCUIT : **FEE FOR THIS PAPER TO DEPOSIT**
 : **ACCOUNT NO. 23-0975.**

COVER LETTER ACCOMPANYING APPLICATION FILED WITHOUT EXECUTED
DECLARATION UNDER 37 CFR 1.53(b) AND IN A LANGUAGE
OTHER THAN ENGLISH UNDER 37 CFR 1.52(d)

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Enclosed is a new patent application entitled "METHOD AND APPARATUS FOR ADJUSTING IMPEDANCE OF MATCHING CIRCUIT". This application is submitted in the Japanese language under the provisions of 37 CFR 1.52(d).

Furthermore, the present application is submitted under the provisions of 37 CFR 1.53(b), and the application as filed does not include an executed declaration. However, accompanying the application is an unexecuted declaration listing the inventor information.

The application as filed further does not include an executed power of attorney, and accordingly, it is requested that communication initially be directed to the following firm, until an executed power of attorney and declaration are filed:

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092627.040901

| Variable | Mean | SD | Min | Max |
|-----------------------------------|--------------|------------|-----|-----|
| Age | 34.5 | 10.2 | 22 | 55 |
| Gender | Male | Female | | |
| Marital status | Married | Single | | |
| Education | High school | College | | |
| Occupation | Manager | Worker | | |
| Income | Low | High | | |
| Health status | Good | Poor | | |
| Smoking status | Smoker | Non-smoker | | |
| Alcohol consumption | Regular | Occasional | | |
| Exercise frequency | High | Low | | |
| Stress level | High | Low | | |
| Sleep quality | Good | Poor | | |
| Dietary habits | Healthy | Unhealthy | | |
| Family size | Small | Large | | |
| Religious beliefs | Religious | Secular | | |
| Political views | Conservative | Liberal | | |
| Travel frequency | High | Low | | |
| Pet ownership | Yes | No | | |
| Gardening frequency | High | Low | | |
| Volunteering frequency | High | Low | | |
| Charitable contributions | High | Low | | |
| Community involvement | High | Low | | |
| Neighborhood safety | High | Low | | |
| Local government effectiveness | High | Low | | |
| Local business health | High | Low | | |
| Local infrastructure quality | High | Low | | |
| Local environmental quality | High | Low | | |
| Local cultural diversity | High | Low | | |
| Local social cohesion | High | Low | | |
| Local economic growth | High | Low | | |
| Local innovation level | High | Low | | |
| Local sustainability efforts | High | Low | | |
| Local resilience to shocks | High | Low | | |
| Local social capital | High | Low | | |
| Local trust in institutions | High | Low | | |
| Local civic participation | High | Low | | |
| Local community engagement | High | Low | | |
| Local social network strength | High | Low | | |
| Local social support availability | High | Low | | |
| Local social inequality | High | Low | | |
| Local social mobility | High | Low | | |
| Local social justice | High | Low | | |
| Local social equity | High | Low | | |
| Local social inclusion | High | Low | | |
| Local social exclusion | High | Low | | |
| Local social cohesion | High | Low | | |
| Local social capital | High | Low | | |
| Local trust in institutions | High | Low | | |
| Local civic participation | High | Low | | |
| Local community engagement | High | Low | | |
| Local social network strength | High | Low | | |
| Local social support availability | High | Low | | |
| Local social inequality | High | Low | | |
| Local social mobility | High | Low | | |
| Local social justice | High | Low | | |
| Local social equity | High | Low | | |
| Local social inclusion | High | Low | | |
| Local social exclusion | High | Low | | |
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| Local social mobility | High | Low | | |
| Local social justice | High | Low | | |
| Local social equity | High | Low | | |
| Local social inclusion | High | Low | | |
| Local social exclusion | High | Low | | |
| Local social cohesion | High | Low | | |
| Local social capital | High | Low | | |
| Local trust in institutions | High | Low | | |
| Local civic participation | High | | | |

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By

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